

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28974	"711".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:33
L2	17	1 and (flash firmware) with null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:26
L3	1608	711/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:51
L4	179	3 and (null zero clear\$3) with flash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:11
L5	18	4 and null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:37
L6	8	3 and (null zero clear\$3) with flash with file	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:14
L7	11	3 and (null zero clear\$3) with flash with (file module patch image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:14
L8	35	(null zero clear\$3) with flash with file	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:14

## EAST Search History

L9	45	append\$3 with (null eras\$3 clear\$3) with packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:19
L10	7	9 and flash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:20
L11	10	3 and (null with entr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:21
L12	7	(transfer\$4 overwrit\$4) with null with flash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:26
L13	790	clear\$3 with flash with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:37
L14	2	(clear\$3 with flash with memory) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:08
L15	1258	contain\$3 with null with data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:09
L16	234	15 and flash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:09

## EAST Search History

L17	199	15 and flash adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:09
L18	202	15 and flash adj (memory rom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:09
L19	43	18 and ("711".clas. "717".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:10
L22	7194	packet adj header	US-PGPUB	OR	ON	2006/03/31 16:13
L23	86	22 and ((updat\$3 upgrad\$3) with flash)	US-PGPUB	OR	ON	2006/03/31 16:15
L24	29	23 and eras\$3	US-PGPUB	OR	ON	2006/03/31 16:15
S1	1	"automatically upgrading" and (upgrad\$3.ti. OR upgrad\$3.ab.) and (eras\$3 with memory with content)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 09:56
S2	2	automatically and (upgrad\$3.ti. OR upgrad\$3.ab.) and (eras\$3 with memory with content)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/03 16:01
S3	10	(upgrad\$3.ti. OR upgrad\$3.ab.) and (eras\$3 with memory with content)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 09:59
S4	156	717/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 09:59
S5	1	717/173.ccls. and (upgrade adj mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 10:56

## EAST Search History

S6	1	upgrad\$3 with external with peripheral with device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 10:06
S7	279	upgrad\$3 with peripheral with device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 10:07
S8	53	(upgrad\$3 with peripheral with device) and ((eras\$3 or delet\$3 or clear\$3 or format\$4) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 10:51
S9	40	(upgrad\$3 same network same peripheral) and ((eras\$3 or delet\$3 or clear\$3 or format\$4) with memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 10:52
S10	64	717/173.ccls. and mode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 10:57
S11	29	(717/173.ccls. and mode) and peripheral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 10:57
S12	8	("5519869"   "5606660"   "5623604"   "5740178"   "5822581"   "6055632"   "6108697"   "6266809").PN.	USPAT	OR	ON	2003/11/04 11:14
S13	13	"5659801".URPN.	USPAT	OR	ON	2003/11/04 11:19
S14	18	("5003591"   "5432927"   "5495611"   "5568641"   "5623604"   "5704031"   "5781921"   "5784551"   "5812857"   "5878256"   "5937434"   "5940074"   "5974454"   "5974461"   "5987605"   "6009500"   "6070012"   "6357021").PN.	USPAT	OR	ON	2003/11/04 11:23
S15	0	"6601212".URPN.	USPAT	OR	ON	2003/11/04 11:26
S16	8	("5519869"   "5606660"   "5623604"   "5740178"   "5822581"   "6055632"   "6108697"   "6266809").PN.	USPAT	OR	ON	2003/11/04 11:26

## EAST Search History

S17	18	("5003591"   "5432927"   "5495611"   "5568641"   "5623604"   "5704031"   "5781921"   "5784551"   "5812857"   "5878256"   "5937434"   "5940074"   "5974454"   "5974461"   "5987605"   "6009500"   "6070012"   "6357021").PN.	USPAT	OR	ON	2003/11/04 11:26
S18	8	("5519869"   "5606660"   "5623604"   "5740178"   "5822581"   "6055632"   "6108697"   "6266809").PN.	USPAT	OR	ON	2003/11/04 11:30
S19	15	automatic\$4 with upgrad\$3 with peripheral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 11:32
S20	0	717/173.ccls. and (message with success\$3 with upgrade)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 15:17
S21	1	717/173.ccls. and (message with success\$3 with update)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/04 15:17
S22	6	flash same upgrade same erase same contents same memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:39
S23	25	((flash OR firmware) with upgrade) and (erase same contents same memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:34
S24	7	((flash OR firmware) with upgrade) and (file with erase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:28
S25	0	((flash OR firmware) with upgrade with package) and (erase with (firmware OR flash))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:35

## EAST Search History

S26	364	((flash OR firmware) with (upgrade OR package)) and (erase with (firmware OR flash))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:35
S27	82	((flash OR firmware) with (upgrade OR package)) same (erase with (firmware OR flash))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:35
S28	28994	((flash OR firmware) with (upgrade OR package)) wit (erase with (firmware OR flash))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:36
S29	32	((flash OR firmware) with (upgrade OR package)) with (erase with (firmware OR flash))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:41
S30	138	file with erase with (firmware OR flash)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:42
S31	13	(file with erase with (firmware OR flash)) and upgrad\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/20 12:43
S32	1588	717/168-178.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 16:34
S33	46	S32 and ((flash OR firmware) with eras\$3) and network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 16:34
S34	19	S33 and peripheral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 16:35
S35	2181	713/2.ccls. OR 717/168-173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 17:29

## EAST Search History

S36	169	S35 and ((firmware OR BIOS OR flash) with (eras\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 17:30
S37	12	S36 and network and packet and peripheral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 17:58
S38	41	S36 and network and peripheral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 09:51
S39	29	S38 not S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 17:58
S40	2181	713/2.ccls. OR 717/168-173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 09:52
S41	169	S40 and ((firmware OR BIOS OR flash) with (eras\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 10:02
S42	2181	713/2.ccls. OR 717/168-173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 10:02
S43	169	S42 and ((firmware OR BIOS OR flash) with (eras\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 10:02
S44	25	S43 and server and peripheral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 10:22
S45	2999	(program with eras\$3 with (firmware OR flash OR BIOS))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 10:23

## EAST Search History

S46	7	(program with eras\$3 with (firmware OR flash OR BIOS)) with network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:24
S47	439	717/171-173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:02
S48	0	S47 and (upgrade with mode) and peripheral and (firmware OR flash OR bios)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:03
S49	1	S47 and (upgrade with mode) and peripheral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:04
S50	51	S47 and (upgrad\$3 with automatic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:05
S51	18	S50 and (flash OR firmware OR bios)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:13
S52	6	S50 and (flash OR firmware OR bios) same eras\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:07
S53	11	S50 and (flash OR firmware OR bios) and (eras\$3 OR delet\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:13
S54	6	("6279153").URPN.	USPAT	OR	ON	2004/11/10 11:15



## EAST Search History

S55	89	("4005388"   "4470127"   "4876742"   "4878051"   "4916441"   "4942534"   "4974173"   "5047958"   "5049862"   "5148155"   "5155837"   "5157384"   "5194852"   "5201067"   "5204768"   "5210854"   "5239652"   "5241303"   "5260697"   "5261055"   "5276839"   "5305384"   "5307297"   "5309351"   "5313051"   "5315711"   "5321840"   "5327531"   "5329625"   "5341503"   "5347295"   "5355503"   "5371738"   "5372161"   "5375230"   "5396443"   "5404458"   "5421009"   "5423045"   "5430877"   "5434972"   "5440502"   "5455822"   "5457478"   "5461667"   "5465392"   "5467102"   "5485171"   "5491495"   "5495593"   "5504746"   "5508713"   "5515509"   "5519843"   "5519878"   "5526023"   "5526287"   "5528743"   "5533147"   "5534893"   "5535357"   "5543588"   "5553296"   "5555157"   "5561446"   "5564020"   "5568645"   "5583542"   "5590373"   "5594462"   "5594731"   "5597307"   "5600801"   "5602854"   "5623677"   "5628055"   "5636371"   "5636979"   "5642185"   "5644782"   "5664110"   "5717737"   "5778384"   "5805897"   "5819177"   "5826015"   "5864698"   "5936667"   "6126327").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/10 11:20
S56	43	S55 and (eras\$3 OR delet\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:21
S57	0	(utilit\$3 with eras\$3 with (firmware OR flash OR BIOS)) with network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:25
S58	36	(utilit\$3 with eras\$3 with (firmware OR flash OR BIOS))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:25

## EAST Search History

S59	2	(utilit\$3 with eras\$3 with (firmware OR flash OR BIOS)) and automatic\$4 and network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:26
S60	14	(utilit\$3 with eras\$3 with (firmware OR flash OR BIOS)) and automatic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:26
S61	10	(US-5504801-\$ or US-5659801-\$ or US-5812857-\$ or US-5878256-\$ or US-6055632-\$ or US-6070012-\$ or US-6327617-\$ or US-6601212-\$ or US-6622246-\$ or US-6594723-\$). did.	USPAT	OR	ON	2004/11/10 11:47
S63	4	S61 and automatic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:56
S66	82	automatic\$4 with upgrad\$3 with (firmware OR flash OR bios)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 12:01
S67	17	S66 and (eras\$3 with (firmware OR flash OR bios))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:59
S68	19	S66 and ((eras\$3 OR delet\$3) with (firmware OR flash OR bios))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 11:59
S69	11	S66 and "717".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 12:05
S70	1477	(network\$2 with (peripheral OR device)) and ((upgrad\$3 OR updat\$3) near3 (firmware OR flash OR bios))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 12:19

## EAST Search History

S71	251	(network\$2 with (peripheral)) and ((upgrad\$3 OR updat\$3) near3 (firmware OR flash OR bios))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 12:19
S72	20	S71 and "717".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 12:19
S73	9	S72 and eras\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 12:25
S74	2	"6718407".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/10 12:25
S75	1438	717/168-173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:18
S76	5	S75 and (determin\$5 with (upgrade firmware update) with compatib\$5 with (peripheral device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 13:19
S77	1438	717/168-173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 15:37
S78	5	S77 and (determin\$5 with (upgrade firmware update) with compatib\$5 with (peripheral device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 15:37
S79	13	(US-5504801-\$ or US-5659801-\$ or US-5812857-\$ or US-5815722-\$ or US-5878256-\$ or US-6055632-\$ or US-6070012-\$ or US-6327617-\$ or US-6594723-\$ or US-6601212-\$ or US-6622246-\$ or US-6904592-\$ or US-6467088-\$).did.	USPAT	OR	ON	2005/10/28 16:56

## EAST Search History

S80	2	S79 and compatib\$5 with (upgrad\$3 updat\$3 patch firmware)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/28 15:42
S81	2	"6631512".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:34
S82	10	null with eras\$3 with flash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:38
S83	1	overwrit\$3 with flash with null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:38
S84	191	overwrit\$3 with null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:38
S85	23	S84 and flash adj memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:43
S86	2221	null adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:43
S87	482	S86 and (flash firmware)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:43

## EAST Search History

S88	179	S87 and (eras\$3 overwrit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:43
S89	27	S88 and (eras\$3 overwrit\$3) with null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:31